

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 1LP6 - Transformers, SMES and fault current limiters

Geneva, CIG

Monday 18 September

13:30

Poster : 1LP6 - Transformers, SMES and fault current limiters

Poster Session | Location: Geneva, CIG

1LP6-01 Current limiting cooperation of superconducting transformers and cables

Speaker

Takayuki Tokuchi

1LP6-02 Fault tolerant HTS transformers: increasing the fault withstand time and recovery current

Speaker

Mike Staines

1LP6-03 Hybrid HTS-copper transformer of large turn-to-turn ratio

Speaker

Mariusz Stepień

1LP6-04 The proposal of contact cooling system for superconducting transformer winding made of parallel tapes with transpositioners

Speaker

Beata Kondratowicz-Kucewicz

1LP6-05 Proposal to substitute Roebel cable with parallel tapes with clusters of transpositioners in modular construction of superconducting transformer windings

Speaker

Grzegorz Wojtasiewicz

1LP6-06 Considerations of HTS 2G superconducting transformer temperature during short circuit

Speaker

Grzegorz Wojtasiewicz

1LP6-07 The new concept of using the superconducting transformers in low and medium voltage distribution network

Speaker

Slawomir Kozak

1LP6-08 Optimization and analysis of a spherical 3-phase transformer having 2G HTS windings

Speaker

Paweł Lasek

1LP6-13 Enhancing Fault Ride Through Capability and Transient Stability of DFIG with SMES-FCL

Speaker

Zixuan Zheng

1LP6-14 Application of Superconducting Magnetic Energy Storage for Stabilizing the Grid Integrated with Wind Power Generation Systems - A Review

Speaker

Vutukuru Vasudeva Rao

1LP6-15 Modeling and analysis of superconducting fault current limiter for system integration of battery banks**Speaker**

Doaa M. Yehia

1LP6-16 Improving Voltage Stability in DC Distribution Systems Using Small Scale Superconducting Magnetic Energy Storage**Speaker**

Doaa M. Yehia

1LP6-18 Design of a Medium Voltage Superconducting Series Reactor for a Grid-Connected Power Engineering Research Site**Speaker**

Mohamed Fayaz Khan

1LP6-19 Superconducting Power Filter for DC Electrical Grids**Speaker**

Loïc Queval

1LP6-20 Effective Grid Integration of Superconducting Magnetic Energy Storage Using Current-Fed Z-Source Converter**Speaker**

Diaa-Eldin A. Mansour

15:30